

Title (en)

DEVICE AND METHOD FOR DELIVERING MEDICINE INTO THE TYMPANIC CAVITY, WITH SLIDING ASSIST

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERABREICHUNG EINES MEDIKAMENTS IN DIE PAUKENHÖHLE MIT GLEITUNTERSTÜTZUNG

Title (fr)

DISPOSITIF ET MÉTHODE D'INJECTION DE MÉDICAMENT DANS LA CAVITÉ TYMPANIQUE, AVEC AIDE AU GLISSEMENT

Publication

EP 2547393 A4 20160302 (EN)

Application

EP 11756821 A 20110314

Priority

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- US 31401810 P 20100315
- US 2011028414 W 20110314

Abstract (en)

[origin: WO2011115936A1] A device for substance delivery to and/or extraction from the tympanic cavity, comprising: a stationary body having a distal surface, a proximal surface; a movable body having a distal surface and a proximal surface, disposed within the stationary body and free to move relative to the stationary body; at least one piercing element having a distal end and a proximal end, disposed in the movable body; and a means for moving the movable body relative to the stationary body.

IPC 8 full level

A61M 37/00 (2006.01)

CPC (source: EP US)

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A61F 11/202 (2022.01 - EP US); **A61M 31/00** (2013.01 - EP US); **A61M 2210/0668** (2013.01 - US)

Citation (search report)

- [E] WO 2011047100 A2 20110421 - ROSENBLUM LEV [US], et al
- [A] US 5496329 A 19960305 - REISINGER JOHN R [US]
- [A] WO 2006119512 A2 20061109 - UNIV VIRGINIA [US], et al
- See references of WO 2011115936A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 2547393 B1 20201230; US 2013023818 A1 20130124; US 2015366715 A1 20151224; US 8968243 B2 20150303; US 9814624 B2 20171114

DOCDB simple family (application)

US 2011028414 W 20110314; CA 2793481 A 20110314; CN 201180024237 A 20110314; EP 11756821 A 20110314;
US 201113635035 A 20110314; US 201514605251 A 20150126